

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 29481-1 — Building Information Models Information Delivery Manual

ISO Certification Programme



LAPT — London Academy of Professional Training

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Reference BLD-BIM-29481-1 • ISO Building & Construction

UKPRN 10067351 • Registered in England and Wales, company 4984798

3

SUBJECTS

17

CHAPTERS

102

CLASSES

300

TOTAL MARKS

60%

PASS MARK

Lifetime

VALIDITY

AT A GLANCE

REFERENCE	BLD-BIM-29481-1
AWARD	Certificate
ASSESSMENT	300 marks — 180 to pass (60%)
PREREQUISITES	None
VALIDITY	Lifetime
AWARDING BODY	LAPT — London Academy of Professional Training

CURRICULUM

1

ISO BLD Foundation

7 chapters · 42 classes 100 marks

• 4 Clause 4: Context of the Organisation — 6 classes

- › Defining the Organisation in ISO 29481-1 Context
- › Identifying Interested Parties for BIM Information Management
- › Establishing the Scope of ISO 29481-1 Applications
- › Understanding Management System Boundaries in BIM
- › Roles and Responsibilities in Building Information Models
- › Stakeholder Engagement for Effective BIM Information Delivery

• 5 Clause 5: Leadership — 6 classes

- › Understanding Leadership Commitment in ISO 29481-1
- › Defining Policies for Building Information Models
- › Establishing Roles in BIM Information Delivery
- › Clarifying Responsibilities within ISO 29481-1 Framework
- › Authority Structures in Building Information Models Leadership
- › Leadership Strategies for Successful BIM Implementation

• 6 Clause 6: Planning — 6 classes

- › Identifying Risks and Opportunities in BIM Projects
- › Setting Objectives for Effective Information Delivery
- › Planning for Risk Management in BIM Processes
- › Aligning BIM Objectives with Project Success Indicators
- › Developing Strategies to Capitalise on BIM Opportunities
- › Monitoring and Reviewing Objectives in BIM Implementation

• 7 Clause 7: Support — 6 classes

- › Understanding Resources for BIM Information Delivery
- › Developing Competence in BIM Framework Applications
- › Ensuring Awareness of ISO 29481-1 Requirements
- › Effective Communication Strategies in BIM Environments
- › Documenting Information in Compliance with ISO 29481-1
- › Integrating Support Mechanisms in BIM Processes

• 8 Clause 8: Operation — 6 classes

- › Understanding Operational Planning in ISO 29481-1
- › Key Control Measures for Building Operations
- › Implementing Information Delivery in Operations Management
- › Aligning BIM with Operational Processes and Standards
- › Monitoring and Evaluating Operation Performance in BIM
- › Standard-Specific Strategies for Effective Operational Control

• 9 Clause 9: Performance Evaluation — 6 classes

- › Understanding Performance Evaluation in BIM Information Delivery
- › Monitoring Techniques for Effective BIM Performance Assessment
- › Measuring Success: Key Metrics in BIM Evaluation
- › Conducting Internal Audits for BIM Compliance
- › Analysing Results: Insights from BIM Performance Data
- › Management Review Processes in BIM Information Delivery

• 10 Clause 10: Improvement — 6 classes

- › Understanding Nonconformity in ISO 29481-1 Applications
- › Implementing Effective Corrective Actions for BIM Processes
- › Strategies for Achieving Continual Improvement in BIM
- › Measuring Success: Metrics for BIM Improvement Initiatives
- › Documenting and Reporting Nonconformities in Building Information Models
- › Best Practices for Sustaining Improvement in ISO 29481-1

• CH1 Understanding ISO 29481-1 and Its Requirements — 6 classes

- › Overview of ISO 29481-1 Standards and Objectives
- › Key Principles of Building Information Models
- › Detailed Review of Information Delivery Manual
- › Impacts of ISO 29481-1 on Project Delivery
- › Comparative Analysis with Other ISO Standards
- › Common Challenges in Implementing ISO 29481-1

• CH2 Conducting Effective Gap Analysis for ISO Compliance — 6 classes

- › Identifying Current Processes and Practices
- › Assessing Compliance with ISO 29481-1 Standards
- › Tools for Effective Gap Analysis Execution
- › Creating a Gap Analysis Report Template
- › Prioritising Gaps for Addressing Compliance
- › Case Studies on Successful Gap Analysis

• CH3 Strategic Project Planning for Implementation — 6 classes

- › Establishing Project Goals and Objectives
- › Developing a Comprehensive Project Plan
- › Resource Allocation for Implementation Projects
- › Setting Timelines and Milestones for Success
- › Mitigating Risks During Project Execution
- › Monitoring and Adjusting Project Plans Effectively

• CH4 Stakeholder Management and Communication Strategies — 6 classes

- › Identifying Key Stakeholders in ISO Implementation
- › Developing a Stakeholder Engagement Plan
- › Effective Communication Techniques for Consultants
- › Building Consensus Among Diverse Stakeholders
- › Facilitating Workshops and Training Sessions
- › Managing Stakeholder Expectations Throughout the Process

• CH5 Preparing for Internal Audits and Certification Readiness — 6 classes

- › Establishing an Internal Audit Framework
- › Developing Audit Checklists for ISO 29481-1
- › Conducting Mock Audits for Readiness Assessment
- › Documenting Findings and Follow-Up Actions
- › Management Review Process for Continuous Improvement
- › Preparing for External Certification Audits Effectively

• CH1 Understanding ISO 29481-1 and BIM — 6 classes

- › Introduction to ISO 29481-1 Standards
- › Key Principles of Building Information Modelling
- › The Role of BIM in Construction Projects
- › Overview of Information Delivery Manual
- › Benefits of Implementing ISO in BIM
- › Case Studies of Successful ISO Integration

• CH2 Positioning ISO Skills in Industry Sectors — 6 classes

- › Mapping ISO Skills to Construction Roles
- › Identifying Key Sector Competencies
- › The Importance of Certification in BIM
- › Developing Specialized Skill Sets
- › Aligning ISO Skills with Industry Trends
- › Networking within the BIM Community

• CH3 Consultant Branding and Client Advisory Services — 6 classes

- › Building Your Personal Brand as a Consultant
- › Establishing Credibility in the Market
- › Effective Client Communication Strategies
- › Developing Tailored Advisory Services
- › Marketing Your ISO Consultancy Skills
- › Handling Client Expectations and Feedback

• CH4 LAPT Partner Framework and Collaboration — 6 classes

- › Overview of the LAPT Partner Framework
- › Establishing Partnerships in the BIM Sector
- › Collaborative Approaches to Consulting
- › Leveraging Partner Expertise for Client Gains
- › Aligning Strategies with LAPT Partners
- › Measuring Success in Collaborative Projects

• CH5 Building a Consulting Practice in BIM — 6 classes

- › Essentials of Starting a Consulting Business
- › Business Models for BIM Consulting
- › Financial Management for Consultants
- › Navigating Legal and Ethical Frameworks
- › Scaling Your Consulting Practice
- › Future Trends in BIM Consulting and Sustainability